

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : **2000-128857**

(43)Date of publication of application : **09.05.2000**

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(51)Int.Cl.

C07C319/02

C07C321/04

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(21)Application number : **10-316829**

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(22)Date of filing : **19.10.1998**

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## (54) PRODUCTION OF ALIPHATIC POLYTHIOL COMPOUND

(57)Abstract:

**PROBLEM TO BE SOLVED:** To obtain the subject compound useful as a raw material and an intermediate material of a drug, an agrochemical and a rubber chemical, and a raw material of an inhibitor and a metal surface-treating agent, etc., by reacting a polyhalogenated alkyl with ammonium hydrogen sulfide in a non- aqueous aprotic polar solvent.

**SOLUTION:** This method for producing an aliphatic polythiol compound is provided by reacting a polyhalogenated alkyl of the formula:  $R(X)_n$  [R is a 2-10C alkyl; X is a halogen except for F; (n) is 2-4], preferably 1,2,3- trichloropropane, 1,3-dichloro-2-(chloromethyl)-2-methylpropane, etc., with ammonium hydrogen sulfide in a non-aqueous aprotic polar solvent, preferably in a solvent such as N,N-dimethylformamide, N-methyl-2-pyrrolidone, etc.